

M 5.6, 74 km NW of Corral del Risco (Punta de Mita), Mexico

Origin Time: 2021-07-04 02:45:01 UTC (Sat 20:45:01 local)

Location: 21.1764° N 106.0853° W Depth: 46.3 km

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

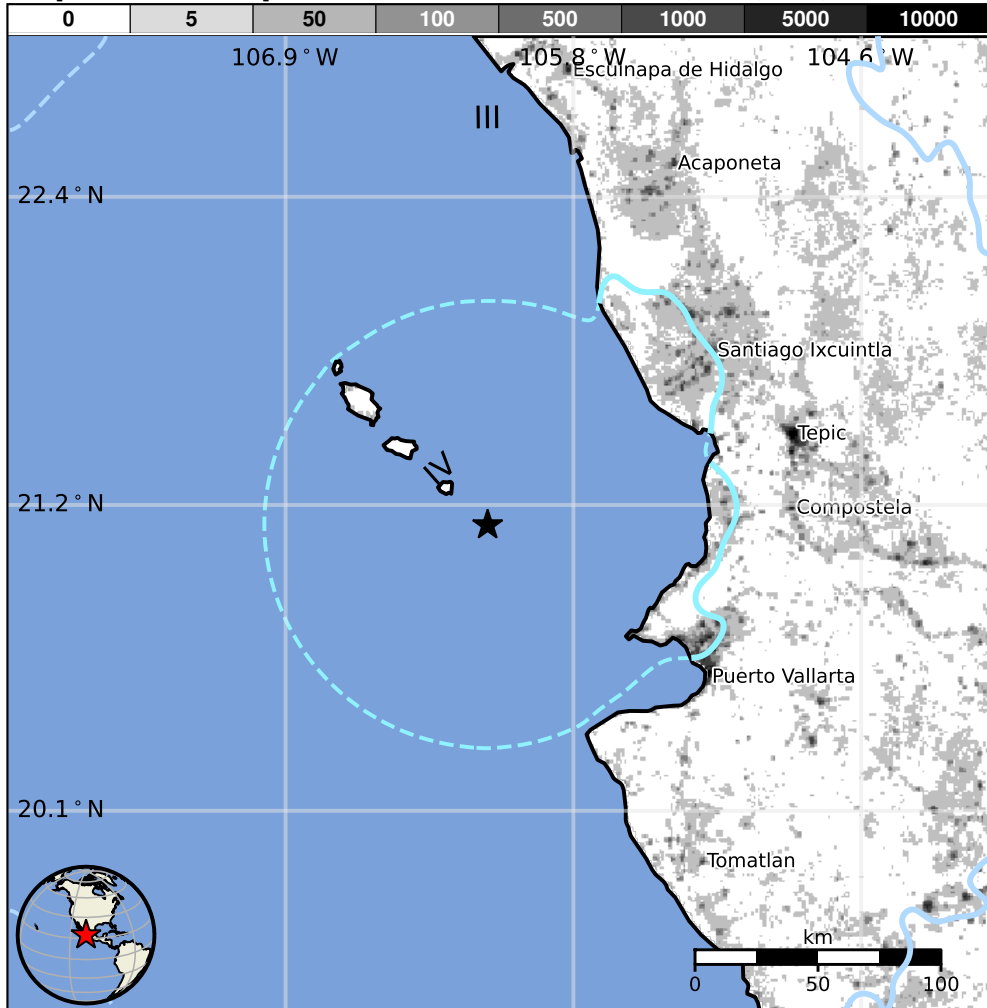


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	1,566k	466k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2003-01-22	329	7.5	VII(300k)	29
1995-10-12	337	5.9	VII(129k)	0
1995-10-09	306	8.0	VIII(89k)	49

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Guadalupe Victoria	3k
IV	Villa Juarez	3k
IV	San Blas	9k
IV	Canada del Tabaco	2k
IV	Lo de Marcos	2k
IV	Corral del Risco (Punta de Mita)	2k
III	Tepic	281k
III	Puerto Vallarta	187k
III	Escuinapa de Hidalgo	28k
III	El Salto	23k
III	Autlan de Navarro	42k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000eik4#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000eik4